

## INTERNATIONAL SEARCH REPORT

Internal application No.

PCT/SE 03/01063

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H05K 3/34, B05C 5/02, B05C 11/10, B23K 3/06 // B23K 101:42  
 According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H05K, B05C, B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0071772 A1 (TAKEYOSHI ISOGAI ET AL), 13 June 2002 (13.06.02), figures 3,21, claims 1,2, abstract  --	1-37
A	WO 0232201 A1 (MYDATA AUTOMATION AB), 18 April 2002 (18.04.02), figures 1,2, abstract  --	1-37
A	DATABASE WPI Week 200203 Derwent Publications Ltd., London, GB; Class L03, AN 2002-020535 & JP 2001217529 A (OSAKA ASAHI KAGAKU KK) 10 August 2001 (2001-08-10) abstract  --	1-37

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

- "&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

9 October 2003

15-10-2003

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE WPI Week 200164 Derwent Publications Ltd., London, GB; Class P42,AN 2001-567393 &amp; JP 2001046940 A (JUKI CORP) 20 February 2001 (2001-02-20) abstract</p> <p>--</p>	1-37
A	<p>US 6450416 B1 (JOHAN BERG ET AL), 17 Sept 2002 (17.09.02), figures 1a,1b, abstract</p> <p>--</p> <p>-----</p>	1-37

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

06/09/03

International application No.

PCT/SE 03/01063

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2002/0071772 A1	13/06/02	NONE		
WO 0232201 A1	18/04/02	AU 9448001 A	22/04/02	
		EP 1334648 A	13/08/03	
		SE 0003647 D	00/00/00	
US 6450416 B1	17/09/02	AT 235968 T	15/04/03	
		AU 1268499 A	15/06/99	
		AU 4669699 A	30/12/99	
		CN 1104965 B	09/04/03	
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		EP 1034650 A	13/09/00	
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		JP 2002517736 T	18/06/02	
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		AU 3853400 A	04/10/00	
		SE 9900996 D	00/00/00	
		WO 0055613 A	21/09/00	

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